OET-URC

UNIVERSAL REMOTE CONTROL

OPERATE:

TV☆VCR☆CABLE☆SATELLITE☆CD☆LD

VCD☆DVD☆TAPE☆TURNER☆AMP

INSTRUCTION BOOKLET

- WORK WITH MOST MAJOR BRANDS
- EASY SET UP INSTRUCTIONS INSIDE

RIGHT RESERVED TO IMPROVE SPECIFICATIONS WITHOUT NOTICE

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USERS' MANUAL FOR

OET-URC

I General Description

The universal remote controller is a new model of multi-ftmctional remote control'It features

1. 8 Device Banks: TV I,TV2,VCRI, VCR2.SAT/CABLE, CABLE/SAT and AUX' HiFi,CD,DVD···

2. 4 Operating Modes: Set-up Mode, Quick Search Mode,Auto Search Mode and Display Mode.

3. Transmission and Set-up Indicating LED.

II Operating Process

I.Set Up Devices

According to the brand code in the attached Device Code List,find out the code of the device that you want to control. Then follow steps as below:

1)Press [SET] key and hold it. Then press the device key that you want to control, such as ITV I],[TV2], [VCRI] or [AUX],etc.

2)The LED will be on at the moment. Release the pressed keys.

3)Enter the 3-digit Device Code.

4)If the entered Device Code is correct,the LED will be off automatically. If the entered Code is incon'ect, the LED will blink twice and keeps being at setup mode (being on).Then pis return to step3).

5)Try if keys on Remote Controller work or not. If most keys work inproperly, please find other code in the same brand,repeat 1)-5)till you feel the main keys work well.

Note :In the process of setup,if you want to stop setup work,pis press device key (If no key is pressed in 10 seconds, the remote controller will leave setup mode automatically.)

2.Quick Search

After you have set up several.times the device you want to control,it still does not work(i.e, aie device still cannot be controlled by URC22), or you cannot find the correct code in the Device Code List,you can use Quick Search fanction to find out the correct code. When URC22 has entered into Search Mode, the preset search direction is Forward Search,but you can use [SET] key to switch between Forward Search and Backward Search during search process.

1) Power on the device you want to control. If it's a VCR, it msut be inserted with a tape.

2) Press and hold[SET] key. In themeantime,press the Device Key that you want to control,such as [TVI],[VCR2]etc.

3) The LED will be on at the moment. Release the Pressed keys.

4) Press the [SET]key again and release it. Now the URC-22 unit enters into Quick Search Mode and the LED keeps flashing.

5) Point the URC22 unit to the device and press [POWER] key. If it's VCR/AUX, you can press either [POWER] key or [PLAY]key. See if the device work or not (power off or play).If the device works,turn to step 6).If not,repeat step 5).

6) Then check if other keys such as [CH+/-],[VOL+/-]...can function properly (i.e.if the device can be controlled). Ifnot, return to step 5).

7) Some devices react slowly to [POWER] signal. In search process, you can press[SET]key to switch between Forward/Backward Search to change search direction and find the right code quickly.

8) Whenever you want to leave Search Mode, press Device Key, and the LED will be off.

Note: In Search Mode, besides [POWER] key ([POWER] key and [PLAY] key in the case of VCR/AUX), all other keys can be checked function normally. That means you can test other keys without leaving Search Mode. The URC22 unit will leave Search Mode if no key is pressed for 30 seconds.

3. Auto Search

1) Power on the device you want tocontrol. If it is a VCR, it must be inserted with a tape.

2) Press and hold[SET] key. In themeantime, press and hold [POWER]key for more than 3 seconds and the auto search will begin.

3) Press any key to exit.

4. Brand Code Display

The Control Code is a 3-digit number and the URC22 unit can make all the 3 digits display.

1) Press and hold the [SET]key, in the meantime press the digit that you want to display, such as 1, 2 or 3.

2) Release the [SET]key.

3) Count the time the LED blinks,mad the blinking time i,s the digit. If there is no blink, the digit is zero.

5. Remarks:

Do not press any keys when replacing batteries to avoid missing set-up data.

BAND Code List

Brand\Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/VIDEO/DVD	AUX
AB			012					
ABC				452				
ACE	743							
Admiral	032,155							
AEON				502				
Aiwa	297					581	626	
Akai	005,199,189	269,270,271,309 310,356,357						
Alba			407					
Allstar	001							
Alfa Gold			016,011					
AlphaStar			026					
Amstrad	006		371,372,439 468					
Anitech		511						
Ankaro			373					
ANSA			021,022				671,672,673	
APEX				516				
Apollo			402					
ASA	007,009,013,032 094,155,161	283						
Asiagiant				501,515				
Astra			372,409,488					
ASTRA			040					
ATLE						579		
Audiosonic	168							
Aura			438,467					
Ausind	008							
Autovox	004,007,015,014 015,029,079,104 153							
AWA	033, 139, 168, 169 220							
Baird	162	271,273						
Barcom			575					
Basic Line	163							
BEKO	170,226							
Benjamin			466					
BEST			453	498				
Blaupunkt	010,017,018,020 354,231,232,233 234,235,241	272,274,275,312 369			568			569(red)
BPL	026,160,165,163							
Brionvega	104,155,164,165 200,201,257	276,283						
Bruns	156							
BSR	016,019,021,253							
Bush(UK)	022	281	402					
Cableline	246,247,291							534,535 536(red)
Cambridge			375					

BAND Code List

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/CD/DVD	AUX
CANAL+			804					
Caravell							622	
Century	145,148,155							
CGE	019,023,024,145 151,163,174,231	078,077						
CGR	033	091						
Chaparral	016		374,410					
Clarivox	001,166,167							
Cortec	053,093							
Crosley	024,025,145,164 231							
CTC Clatronic	095							
Daewoo	164,229						690	
Dansai		091						
DCS							642	
Decca(UK)	002,004,026,028 031,230	078						
Denza							665	
Denon							647	554(TUNE) 556(DECK)
DNT			409,426,430 457					
Drake			516,445,446 447,495					
Dual	255,256	273,279						
Dual-Tec	004,011,019,028							
Dumont	155							
Dynasat			491,492					
Eastern				507,508 509,510				
Echostar			377,378,379 398,409,411 412,457,458 460,461,462 496,800, 827					
Elbe	091,171	015						
Elite	160							
Emson	019,028							
Emerson	146,155	256						
EMME ESSE			463,464,465					
Europhon	006,004,019,028 030,146							
Eurosky			421					
Eurostar			465					
Fenner	033,153,200							
Fidelity(UK)	003,004,229							
Finnet	201,245							
Finlux	007,008,009,013 025,026,029,038 064,161,169,221	278	414,415					

BAND Code List

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/CD/DVD	AUX
Fisher	025,036,155,167 170,255	280,314,315,316			629	646		
Force			838					
Formenti-Phoenix	003,008,025,057 058,159							
Forlec Star			806,809					
Frecarro			360,391					
France Telecom	266							
Freecom			425					
FTE			399					
Fuba			442					
Funai	016,160,253	339						
Furlech			325,824					
GBC	002,004,019,025 026,031,033,039 040,041,042	281						
GEC(UK)		276						
Gelosso	004,016,025,032 053,099,149,199	281						
General		358						
Gloxar Record			332,416					
GMI				499,515 519,521				
Goldstar	003,004,043,060 153,172,252,709 761	282				633		
Goodmans	119	391						
Gorenje	170,173							
Granada(UK)	002,004,027,041 044,045,046,047 048,049	272,276,283,314 568						
Grundig	003,010,016,020 045,050,051,053 054,056,094	272,275,284,561 569	563,400,402 464					
Hahai						649	648	
Hanseatic	025,027,037,044 052,055,258	278,285						
Harlanex	400							
Hemmermann	057							
Hitachi	055,044,058,059 060	281,286,287,317 350						
Hirschmann			415					
Hitachi	004,040,041,042 044,047,055,061 062,063,064,065 066,067,068,174 221,222,710	273,281,285,288	483,828,829		530			
Hotel TV	704							
HTS			827					
Hughes			828,829					
Hutt			421,479					
HWALIN			816					

BAND Code List

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/CD/DVD	AUX
Hyper	003,004,053,153 193							
ICK International			417					
IEC				536,514				
Imperial	049,053,054,145 151,168,170,231	277,299						
Inhai						541		
Inno Hit	000,004,031,043 060,546,175							
Interfunk	005,027,040,045 048,052,059,070 071,073,075 155	279,290						
Irradio	005,030,043,060 155,262							
ITT-Nokia	005,032,033,040 041,045,049,059 070,071,072,074 076,152,168,178 177	270,273,276,290 291,292,316	284,285,418					
Janco	249,590							
JBL						523 524		
JEBSSE				456				
Jeenon			288					
Jerrold			454	417				
Johansson			287					
JVC	027,119,178,179	270,273,292,318 319,320,321,328				585	684	
Kaisui	163							
Karcher	168,165,176					548		
Kathrein			568,569,590 419,699					
Kendo	146							
Kennedy	025,018,079							
Kenwood					527,531 532,533 534	556 560	572,636,663	
KONCA				512,505				
Korting	037,155,157							
Legend-V							690	
Lenco	033,039,161,238 239,240	225,265	423,426,466 491,492		395,596 597,598 599,600 601	560 549		585,586 587,588 589,590 591,592 593,594 (c)
Lenor	004							
LEOH				499				
Loewe Opta	063,081,155,166 168,215,242	272,278,283						
Logik	026	287,322,582						
Lorus	052,062	322						

BAND Code List

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/CD/DVD	AUX
Luxor	005,045,047,055 056,059,394,065 066,067,152,177	265,291	564,391,392			529		
Macab			429					
Macom			444					
Magnadyne	000,018,055,029 057,147,148,159 165							
Magnafon	000,003,009,029 059							
Magnasonic		291						
Magnavox			477,530,531			553 576 604	571	
Marantz	026,027	272,278,581						
Maspro			568,393,402 493					
Matsui	004,006,028,041 060,162	287,292,332						
Maximal	058							
Melectronic	055							
Memorex		282,314						
Metz	018,053,089,090 091,155,160,163	272,276,284,289	338					
Micromega								
MINA			494					
Minerva	018,019,045,051 053	272,275,289	583,600,494					
Mission						553		
Mitsubishi	044,052,062,118 154,155,161,162 197	278,281,285,320 362,791	489				662	
Mivar	000,003,053,094 095, ,209							
Morgans			421					
Multisystem	058							
Multitech	096,170,172	281,325						
Murphy(UK)	041							
NAD		363						
NEC	154	273,313,320	422,476,493			551		
Neckermann	004,026,044,055 062,097,170	270,272,273,276 285,286,369	421					
N.E.I.	166							
Network			394					
Nobilia	003,008,029,051 146	272,289						
NOKIA	120		120,397					

BAND Code List

Brand/Device	TWITXT	VCR	SAT/DSS	CABLE	HIFI	CD	LDV/CD/DVD	AUX
Nordmende	065,067,075,088 089,101,102 103,104,154, 196 196,222	270,273,279,282 295,296,297,310 316,321,323,324 326,327,328,329 330			535,549			
OAK				530				
Obritech			426					
Oceanic(F)	035,040,195,198 197							
Oceus	034							
Onkyo					536,537	613 614 615 616		
Orion	006,016,020,057 068,108,109,187 188,195,253	290,322,331,332 333,360						
Osaki		332						
Otto Versand	035,037,044,052 055	270,285						
Pace			384,385,400 402,405,414 415					
Pael	005,008							
Palcom			566					
Palcohm	197	271, 356	421					
Palsat			425					
Panasat			419					
Panasonic	001,033,048,057 049,106,110,111 112,114,190,241	274,286,312,354	403,832		538		573,574,629 636	
Pansat			455					
Paragon				506				
Penney		313						
Perlax		288						
Philco	019,023,034,035 151,155,163,170 231							
Philex	229							
Philips	002,026,027,045 073,113,115,155 161,162,165,194 225,256,230,242	278,302,334,335 356,369	402,424,425 477,563,630 631			532 553 579 604	559,	560(pc) 561(PP) 562(TAPE) 563(TUNER) 567(CC)
Phonola	175	278,335						
Pilot	121							
Pioneer	000,027,067,245	278,320,334,336 363,364,365	474		545	554 555 610	571,658	
Polestar	214							
Prandoni-Prince	006,022,145							
Praxis	217							
Premier			302					

BAND Code List

Brand/Device	TWITXT	VCR	SAT/DSS	CABLE	HIFI	CD	LDV/CD/DVD	AUX
Primestar			454					
Prosat	031		405,451,475					
Proton						553		
PYE		320						
Quartz		314						
Quelle	004,035,037,008 009,010,013,026 027,035,045,050 051,052,059,094 153,221,231,232 234,235,236,253	272,275,276,286 288,289	383					
Radiola	242							
Radiotone						545		
Radix			406,428,430 467					
Rank(UK)	022							
RBM(UK)	022,094							
RCA	004,210,211	249	450,518,535				602,661,667	
RC-AK			458					
Redifusion(UK)	005,041,116							
REX	011,021,032,078 079,119	273,292,319						
Roadstar	038							
ROTEL						551 562 563		564(TAPE)
SABA	000,065,067,075 085,096,099,100 105,117,153,165 196,222,224	270,273,279,282 295,310,318,321 328,337,338						
SAE						553		
Saisho	004,006,020,088 182,344	286,287,322,332 360						
Sakura			397,398					
Salora	005,047,048,055 066,068,069,075 082,096,097,102 177,195,249,258 297,393	283,286,314	391,418					
Sambers	000,004,008,029 035,043							
Samsung	026,033,043,153 160,170,175,212 215,242,253,716	289	459,475,476				637,666	
Sansui		320				552		
Sanyo	013,031,044,074 119,120,121,122 123,162,167,170 182,195,205	291,314,316,339			539	554 602		
SAT 100			372,488					
Sateco			426					

BAND Code List

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/CD/DAB	AUX
Schneider	004,011,015,019,025,036,039,255,259,292	279,281,288						
Scientific Atlanta			452					
Sears		215						
SEG	395	281,288						
Seleco	011,030,078	389						
Sentz		227						
SET			025,037,038,039					
Sharp	044,054,113,124,199,133,225,227	001,002,241			531	550,555,568		
Sherwood					540,541,577,579			
Shinton		356						
SHOV	033							
Siarem	000,025,028,165							
Sicatel	001							
Siemens	010,231,253,233,234,236	272,275,291,389	283					
Siesta	254							
Silver	163							
Singer	025,029,147,149,155							
Sintrack			427					
Sinudyne	000,015,025,026,029,037,108,125,155,192,197,253	279,287						
Soggiant				511,512				
Soymastar			479					
Sony	028,119,126,127,128,129,154,182,199,228,264,705	256,269,340,342,343,344,367,759	472,634		517	556,557,575,587	575,631,667	555(TAPE),575(CD),618(TUNER)
Star			478					
Stern	478							
Strong			389,425,429,466					
STS			393					
STV			442					
Sun Moon Star			612					
Sylvania						553,564		
TADA				449,523				
Tadiran			317					
Taicon				502				
Tai Hsin	216,219							
Tandberg	180,253,395	322						
Tantec			396					
Tatung	002,004,025,028,031,151	279					559	
Tay Sheen				506,517				

BAND Code List

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/CD/DAB	AUX
Teac						568,611		
Technics					542	555,559		
Technisat			429,438,439,430,431,467					
Technosat			467					
Technovision	263							
Tedelex			466					
Telefunka			471					
Tele #1	249							
Telestra	186							
Telefunken	067,075,099,132,133,134,135,140,185,189,231,235	270,273,279,282,319,319,321,323,338,345,346,347						
Telemax			432					
Telemeister		555	399,409,428,430,469,487					
Teleservice	200,249							
Thomson	005,007,015,026,038,103,103,105,106,222	270,273,279,292,316,323,324,329					660	
Thorn-Ferguson	001,135,136,137,140,144,148,152,160,199,229,256	270,273,300,303,304,305,306,308,319,328,330,349,368	394,395,400,401,402,433,485					
TMK		566						
Toshiba	002,004,094,119,136,155,141,142	273,292,307	442,444,533	522			571,640	
TPS			395					
Trans					447,516,539			
Uher	011,012,036,037,038,078,265	272,289						
Ultravox	000,025,092,099,146,155	276						
Uniden			402,404,406,443,536,537					
United Satellite			440					
Universum	094,166,221							
Univox	001							
US Electronics			417					
Vestor		013	439,467					
Vegavox	169							
Victor		018,028,068					595	
Video		013						
Videocon	033,138,141,715							
Viewstar			477					
Vortic Star			501					
Watson	002,155							
Vtech			434					
Watson	027							

BAND Code List

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/CDI/DVD	AUX
Wolf Radio	001,003,025,029 008,057							
Wega Color	113,143							
White Westinghouse	003,057,166	076,282						
Wimer			027,449	501				
WISI			409,428,435 435,437,458 439					
WISO				503,504				
Xenon		022						
Yamaha					543,544	612		
Yoko	004,159							
Zenith	078							
Zehnder			560					
Zenith	003,257		441,444,445 446,447				570	
Others	006,007 006,064 068	056,091,252 253	028				674	525
[illegible]							627	
[illegible]							627	
[illegible]							645	
[illegible]	706,711							
[illegible]							664	
[illegible]							646	
[illegible]	160							
[illegible]	141,176,711,717 718,719						649	
[illegible]	711							
[illegible]							677,634	
[illegible]	711							
[illegible]							641	
[illegible]	711							
[illegible]	711							
[illegible]	711							
[illegible]	706,711							
[illegible]							632	
[illegible]							667	
[illegible]	708							
[illegible]							644 655	
[illegible]							647	
[illegible]							651	
[illegible]	033							
[illegible]	711							
[illegible]	711							
[illegible]	711							
[illegible]	706,712,714							
[illegible]	708							

BAND Code List

Brand/Device	TV/TXT	VCR	SAT/DSS	CABLE	HIFI	CD	LD/CDI/DVD	AUX
[illegible]							634	
[illegible]							652	
[illegible]							635,653	
[illegible]							656	
[illegible]	706						645	
[illegible]	706							
[illegible]	706							
[illegible]							639	
[illegible]	175,706							
[illegible]	711							